

CLAIMS

We claim:

1. A sill assembly for a door or window comprising:

an elongated frame member formed with a longitudinally extending upwardly open channel that defines a rear wall, a front wall and a floor that extends laterally and slopes downwardly from said rear wall to said front wall, and a sill that extends
5 laterally from said front wall to a forward edge of said frame member; and

an end plug adapted to be securely mounted to one end of said elongated frame member, said end plug having a laterally extending drainage ramp disposed at a location flush with and immediately adjacent to the floor of said channel;

whereby water in said channel flows to said one end of said channel and onto
10 said ramp which directs said water away from said frame member.

2. The sill assembly of claim 1 wherein said end plug further includes a laterally extending drainage chamber communicating with said ramp and disposed beneath the sill of said frame member.

3. The sill assembly of claim 2 wherein said chamber extends longitudinally to have a first portion positioned underneath said sill and a second portion positioned immediately adjacent to the sill and laterally in line with said ramp.

4. The sill assembly of claim 2 wherein said chamber defines an outer wall near the forward edge of said frame member having an opening therein to permit water to drain from said chamber.

5. The sill assembly of claim 4 wherein said end plug further includes a hinged weep door closing said opening.

6. The sill assembly of claim 1 wherein said end plug further includes a mounting plate extending laterally and longitudinally adjacent said ramp for mounting an upstanding jamb thereto.

7. The sill assembly of claim 1 wherein said frame member further includes a pair of spaced support members extending longitudinally and vertically beneath said channel, and said end plug further includes a guide member adapted to be inserted between said support members to properly position said end plug on said one end of said frame member.

8. The sill assembly of claim 7 wherein said guide member comprises a channel-shaped flange.

9. An end plug for use in a sill assembly, comprising:
an elongate body having a rearward portion and a forward portion, said body having a rear wall and a front wall and an upstanding support wall extending longitudinally between said rear and front walls;

a ramp integrally formed on said support wall in the rearward portion of said body, said ramp extending forwardly and sloping downwardly from said rear wall to a front edge;

a drainage chamber formed in the forward portion of said body, said drainage chamber communicating with the front edge of said ramp and defined at least partially by said support wall and said front wall; and

said front wall having an opening formed therein, whereby said ramp directs water received thereon into said chamber and to drain through the opening in said front wall.

10. The end plug of claim 9 wherein said drainage chamber is further defined by a top wall extending laterally from said support wall.

11. The end plug of claim 9 further including a guide member extending laterally from said support wall to properly position said end plug in one end of a frame member of a sill assembly.

12. The end plug of claim 11 wherein said guide member comprises a substantially channel-shaped flange.

13. The end plug of claim 9 further including a hinged weep door positioned to close said opening in said front wall.

14. The end plug of claim 9 further including a mounting plate extending laterally from said support wall for mounting an upstanding jamb of a sill assembly thereto.

15. The end plug of claim 14 wherein said mounting plate extends longitudinally between said rear and front walls of said body.